

PI 543857-continued

origin: United States. **developer country:** United States.
origin institute: Agricultural Research Service -- USDA,
Wooster, Ohio 44691. **cultivar:** Gnome 85. **pedigree:**
Gnome(6) x Williams 82. **other id:** CV-281. **group:**
CSR-SOYBEAN. **other id:** PVP 8700097. **source:** Certificate
in Force. **group:** PVPO. **other id:** Gnome Rps1-k. **source:**
Prior designation. **remarks:** Maturity Group II.
Determinate, semidwarf type. Short stature. Highly
resistant to lodging. Yield potential high. Resistant
(Rps1k) to all prevalent races of Phytophthora rot
(Phytophthora megasperma). Specific adaptation to high
yield environments (>3500 kg ha⁻¹) where lodging
frequently limits yields of taller cultivars. Should be
solid-seeded in 17cm row width at 750,000 seeds ha⁻¹ for
maximum yield. Annual. Cultivar. Seed.

PI 543858 to 543859. *Gossypium hirsutum* L. MALVACEAE Upland cotton

Donated by: Green, C.C., Agricultural Research Service -- USDA, P.O.
Box 2131, Florence, South Carolina, United States; and South
Carolina Agr. Exp. Sta.. **remarks:** Two Germplasm Lines of Upland
Cotton with High Yield Potential and Fiber Quality. Received
September 18, 1990.

PI 543858 **origin:** United States. **origin institute:** Agricultural
Research Service -- USDA, P.O. Box 2131, Florence, South
Carolina 29503. **cultivar:** PD 5363. **pedigree:** Delcot
311/PD 6131. **other id:** GP-485. **group:** CSR-COTTON.
remarks: Yield potential high. Fiber quality superior.
Selected for superior performance in full- and
short-season production systems. Annual. Breeding
Material. Seed.

PI 543859 **origin:** United States. **origin institute:** Agricultural
Research Service -- USDA, P.O. Box 2131, Florence, South
Carolina 29503. **cultivar:** PD 5472. **pedigree:** McNair
235/PD 6184. **other id:** GP-486. **group:** CSR-COTTON.
remarks: Yield potential high. Fiber quality superior.
Selected for superior performance in full- and
short-season production systems. Annual. Breeding
Material. Seed.

PI 543860 to 543863. *Gossypium hirsutum* L. MALVACEAE Upland cotton

Donated by: Green, C.C., Agricultural Research Service -- USDA, P.O.
Box 2131, Florence, South Carolina, United States; and South
Carolina Agr. Exp. Sta.. **remarks:** Four Germplasm Lines of Upland
Cotton with Early Maturity and Fiber Quality. Received September
18, 1990.